

NON-PUBLIC?: N  
ACCESSION #: 9006190055  
LICENSEE EVENT REPORT (LER)

FACILITY NAME: Turkey Point Unit 4 PAGE: 1 OF 3

DOCKET NUMBER: 05000251

TITLE: Manual Reactor Trip During Performance Of An Operational  
Surveillance Procedure Due To Personnel Error  
EVENT DATE: 05/26/90 LER #: 90-004-00 REPORT DATE: 06/11/90

OTHER FACILITIES INVOLVED: Turkey Point Unit 3 DOCKET NO: 05000250

OPERATING MODE: 2 POWER LEVEL: 001

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR  
SECTION:  
50.73(a)(2)(iv)

LICENSEE CONTACT FOR THIS LER:  
NAME: D.R. Powell, Superintendent of Licensing

TELEPHONE: (305) 246-6559

COMPONENT FAILURE DESCRIPTION:  
CAUSE: SYSTEM: COMPONENT: MANUFACTURER:  
REPORTABLE NPRDS:

SUPPLEMENTAL REPORT EXPECTED: NO

ABSTRACT:

On May 26, 1990, at 0556 EDT, during start-up of both units, with units 3 in Mode 3 (Hot Standby) and Unit 4 in Mode 2 (Start-up) at approximately one (1) percent power, a licensing trainee under the direction of the Unit 4 reactor operator manually tripped the Unit 4 reactor. This occurred during the restoration phase of the turbine valve test on Unit 4. The Unit 4 reactor was manually tripped in an erroneous response to step 7.2.59 of procedure 4-OSP-089 "Main Turbine Valves Operability Test." Subsequent to the trip, the operators verified the unit to be in a stable condition by using applicable emergency operating procedures.

This event was caused by cognitive personnel error on the part of plant licensed operators. To preclude recurrence of this event, Procedures 3-OSP-089 AND 4-OSP-089 have been revised to clarify the intent of step

7.2.59. In addition, this event is being reviewed with applicable operations personnel.

On May 26, 1990, at 0634 EDT, the NRC was notified of this event in accordance with 10 CFR 50.72 (b) (2) (ii)

END OF ABSTRACT

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## I. EVENT DESCRIPTION

On May 26, 1990, at 0556 EDT, during start-up of both units, with Unit 3 in Mode 3 (Hot Standby) and with Unit 4 in Mode 2 (Start-up) at approximately one (1) percent power, a licensing trainee under the direction of the Unit 4 reactor operator manually tripped the Unit 4 reactor (EHS:AC). The operators had just completed reactor protection testing which had included opening and closing the reactor trip breakers (EHS:AA)(BKR) on Unit 3. During the restoration phase of the turbine valve test on Unit 4, the Unit 4 reactor was manually tripped in response to step 7.2.59 of procedure 4-OSP-089 "Main Turbine Valves Operability Test." The operators verified the unit to be in a stable condition by using applicable emergency operating procedures.

On May 26, 1990, at 0634 EDT, the NRC was notified of this event in accordance with 10 CFR 50.72 (b) (2) (ii).

## II. EVENT CAUSE

This event was caused by cognitive personnel error on the part of plant licensed operators in that step 7.2.59 of procedure 3/4-OSP-089 offered two options to the operator. The first option was to trip the reactor and the second was to continue on with the plant start-up in accordance with the general operating procedures (GOP). The RCO erroneously chose the first option which was to trip the reactor. Unit 4 was in Mode 2 at one percent power. The RCO should have selected the second option which would have returned him to the GOP procedure to continue start-up of the unit.

## III. EVENT SAFETY ANALYSIS

All safety related equipment operated per design. The unit was stabilized in Mode 3 in accordance with approved plant procedures. A reactor trip is a previously analyzed event. Thus the health and safety of the public were not affected by this event.

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#### IV. CORRECTIVE ACTIONS.

1. Procedures 3-OSP-089 AND 4-OSP-089 have been revised to clarify step 7.2.59 and thus preclude recurrence of this event.
2. This event is being reviewed with applicable operations personnel.
3. In addition to the normal post trip review of the event, an Event Response Team (ERT) was initiated to determine the root cause and recommend applicable corrective actions to prevent recurrence. Based on the RT findings, the ERT recommended Formal Operator training on self-checking. This training is scheduled to be completed by August 1, 1990.

#### V. ADDITIONAL INFORMATION

##### A. Similar Events

None

##### B. Equipment Failures

None.

ATTACHMENT 1 TO 9006190055 PAGE 1 OF 1

P.O. Box 14000, Juno Beach, FL 33408-0420

FPL

JUN 11 1990

L-90-205  
10 CFR 50.73

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Unit 4  
Docket No. 50-251  
Reportable Event: 90-04  
Date of Event: May 26, 1990  
Manual Reactor Trip During Performance of an Operational  
Surveillance Procedure Due to Personnel Error

The attached Licensee Event Report is being submitted pursuant to the requirements of 10 CFR 50.73 to provide notification of the subject event.

Very truly yours,

K. N. Harris  
Vice President  
Turkey Point Plant Nuclear

KNH/DPS/dps

attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II,  
USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant

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